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1106  
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/844,501

DATE: 11/13/2001

TIME: 15:11:44

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\11132001\I844501.raw

ENTERED

3 <110> APPLICANT: WOLFFE, Alan  
4 URNOV, Fyodor  
5 GUSCHIN, Dmitry  
6 COLLINGWOOD, Trevor  
7 LI, Xiao-Yong  
8 JOHNSTONE, Brian  
10 <120> TITLE OF INVENTION: DATABASES OF REGULATORY SEQUENCES; METHODS OF MAKING AND  
USING SAME  
12 <130> FILE REFERENCE: 8325-0015  
14 <140> CURRENT APPLICATION NUMBER: 09/844,501  
15 <141> CURRENT FILING DATE: 2001-04-27  
17 <150> PRIOR APPLICATION NUMBER: 60/200,590  
18 <151> PRIOR FILING DATE: 2000-04-28  
20 <150> PRIOR APPLICATION NUMBER: 60/214,674  
21 <151> PRIOR FILING DATE: 2000-06-27  
23 <150> PRIOR APPLICATION NUMBER: 60/228,556  
24 <151> PRIOR FILING DATE: 2000-08-28  
26 <160> NUMBER OF SEQ ID NOS: 24  
28 <170> SOFTWARE: PatentIn Ver. 2.0  
30 <210> SEQ ID NO: 1  
31 <211> LENGTH: 6  
32 <212> TYPE: DNA  
33 <213> ORGANISM: Artificial Sequence  
35 <220> FEATURE:  
36 <223> OTHER INFORMATION: Description of Artificial Sequence: Kpn 1 target ✓  
37 site  
39 <400> SEQUENCE: 1  
40 ggtacc 6  
42 <210> SEQ ID NO: 2  
43 <211> LENGTH: 25  
44 <212> TYPE: DNA  
45 <213> ORGANISM: Artificial Sequence  
47 <220> FEATURE:  
48 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter ✓  
49 oligonucleotide  
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52 gcggtgaccc gggagatctg aattc 25  
54 <210> SEQ ID NO: 3  
55 <211> LENGTH: 11  
56 <212> TYPE: DNA  
57 <213> ORGANISM: Artificial Sequence  
59 <220> FEATURE:  
60 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter ✓  
61 oligonucleotide  
63 <400> SEQUENCE: 3  
64 ctagacttaa g 11  
66 <210> SEQ ID NO: 4  
67 <211> LENGTH: 24

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68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Bax
73     gene-specific primer
75 <400> SEQUENCE: 4
76 gcccatcact gagaaatccc ttcc                24
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 27
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter
85     oligonucleotide
87 <400> SEQUENCE: 5
88 gcggtgaccc gggagatctg aattctt            27
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 25
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter
97     oligonucleotide
99 <400> SEQUENCE: 6
100 cgccactggg ccctctagac ttaag              25
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 60
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter
109     oligonucleotide
111 <400> SEQUENCE: 7
112 tagaaggcac agtcgaggac ttatcctagc ctctgaatac tttcaacaag ttacaccctt 60
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 66
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter
121     oligonucleotide
123 <400> SEQUENCE: 8
124 aaaaaaaatc ttccgtgtca gtcctgaat aggatcggag acttatgaaa gttgttcaat 60
125 gtggga                                     66
127 <210> SEQ ID NO: 9
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129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:

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133 <223> OTHER INFORMATION: Description of Artificial Sequence:
134     adapter-specific primer
136 <400> SEQUENCE: 9
137 aggcacagtc gaggacttat ccta
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 122
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence: insert
146     sequence
148 <400> SEQUENCE: 10
149 ccggcctcgg tgttttcggc tttttcctgg cccccggccc gccaggccgg gccctctgct 60
150 gcccgctgaa tgggaggggg ggcggggtca cgtggcgggg ggaggggagg gccgtcgca 120
151 tc
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 249
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: insert
160     sequence
162 <400> SEQUENCE: 11
163 ccgggcgccca agggaagccg ggcgctgccc cctgctggcc aggttcgggc gcggcgccgc 60
164 ggaggggcct cccctctctg gagagaattg aaggggggtcc ggtgtggagc cccggctggc 120
165 tccgggctgg ggctgaccgg ctctgtgacc ttgggcaggt cactgcattc ctccaagcct 180
166 cagtttgac gtctgtcaaa tagaggggca ttctctcact ttgcagggtc cctggaaata 240
167 agtgagatc
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 1042
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: accessible
176     region sequence
178 <400> SEQUENCE: 12
179 gatcggagtt cgagaccagc ccggccaact ggtgaaaccc tgtctctact aaaaaaatac 60
180 aaaaggagtt cgagaccagc ccggccaact ggtgaaaccc tgtctctact aaaaaaatac 120
181 aaaaattagc tgggtgtggt ggtgcacgcc tgtcatccca gctacttggg aggctgagat 180
182 aggaattagc tgggtgtggt ggtgcacgcc tgtcatccca gctacttggg aggctgagat 240
183 aggagaatcg cttgaaccca ggaggggagg cagaggttgc agtgagccga gatggcgcca 300
184 ctgtgaatcg cttgaaccca ggaggggagg cagaggttgc agtgagccga gatggcgcca 360
185 ctgtactccg gcctgggcaa gagcaagact ccaaccacaa aaaaaaaaaa aaagaactag 420
186 cagtactccg gcctgggcaa gagcaagact ccaaccacaa aaaaaaaaaa aaagaactag 480
187 cagtgccag ggctgtacac caggtgccag tactggcagc aattcttcca gttattgtga 540
188 tagagcccag ggctgtacac caggtgccag tactggcagc aattcttcca gttattgtga 600
189 tagattctca tgacgctaaa ataccactt tgttatttaa cccttgctaa tccacaatga 660
190 gttgttctca tgacgctaaa ataccactt tgttatttaa cccttgctaa tccacaatga 720
191 gttgccaggt accagaatcc tttgttacta accagaccag gctgttcatt cttgaacagc 780

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192 attgccaggt accagaatcc tttgttacta accagaccag gctgttcatt cttgaacagc 840
193 attgggcatc actttgtttt aataattctt gtatgagaag agcactcttt tccttctgat 900
194 agcaggcatc actttgtttt aataattctt gtatgagaag agcactcttt tccttctgat 960
195 agcaatgtgg ctccaactac tggtgatgt gagacggtac cggatgtggc tccaactact 1020
196 ggctgatgtg agacggtacc gg 1042
198 <210> SEQ ID NO: 13
199 <211> LENGTH: 12
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter
205     oligonucleotide containing a Sau 3AI-compatible
206     end
208 <400> SEQUENCE: 13
209 gatcgaattc ag 12
211 <210> SEQ ID NO: 14
212 <211> LENGTH: 8
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: adapter
218     oligonucleotide containing a Sau 3AI-compatible
219     end
221 <400> SEQUENCE: 14
222 cttaagtc 8
224 <210> SEQ ID NO: 15
225 <211> LENGTH: 20
226 <212> TYPE: DNA
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229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: p16 forward
231     primer
233 <400> SEQUENCE: 15
234 aatagcacct cctccgagca 20
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 21
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: p16 reverse
243     primer
245 <400> SEQUENCE: 16
246 ccctgtccct caaatcctct g 21
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 23
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: p16 probe

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256 <400> SEQUENCE: 17
257 acagcgtccc cttgcctgga aag 23
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262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Control
266     forward primer
268 <400> SEQUENCE: 18
269 gccccagagg gaaacacaa 19
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 17
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Control
278     reverse primer
280 <400> SEQUENCE: 19
281 cccccacccc cataagc 17
283 <210> SEQ ID NO: 20
284 <211> LENGTH: 24
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Control probe
291 <400> SEQUENCE: 20
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294 <210> SEQ ID NO: 21
295 <211> LENGTH: 48
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence: EPAS
301     amplifier primer
303 <400> SEQUENCE: 21
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306 <210> SEQ ID NO: 22
307 <211> LENGTH: 44
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence: EPAS
313     amplifier primer
315 <400> SEQUENCE: 22
316 atgaattcgc ggccgcccc ctgggtattg gatctgcccc ccat 44
318 <210> SEQ ID NO: 23
319 <211> LENGTH: 109
320 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/844,501

DATE: 11/13/2001

TIME: 15:11:45

Input Set : A:\seqlist.txt

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